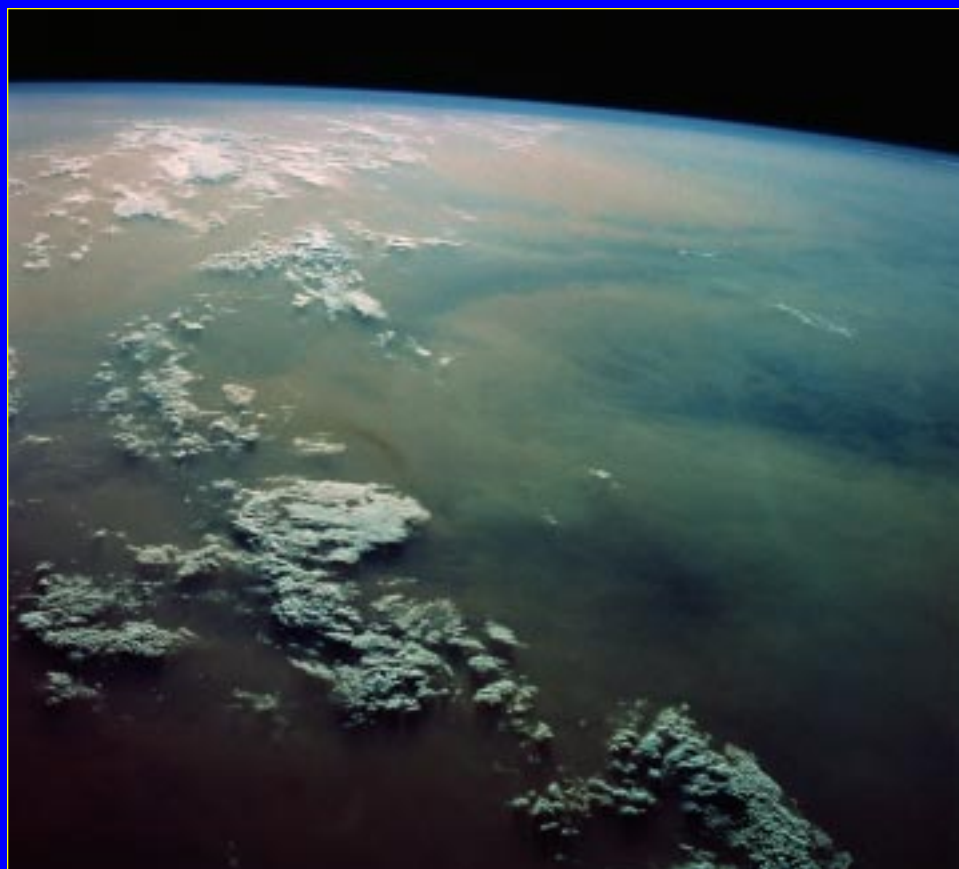# Global Observation Information Network

GOIN

地球観測情報ネットワーク

A bilateral demonstration of information networks in service to the planet.

かけがえのない地球のための日米情報
ネットワークデモンストレーション

In 1993 President Clinton of the United States and Prime Minister Miyazawa of Japan implemented GOIN under the Common Agenda for Cooperation in Global Perspective. GOIN's purpose is to exchange global environmental data via information networks within and between the U.S. and Japan, to identify existing capabilities and weaknesses, to strengthen bilateral cooperation in Earth observation programs, and to serve as a prototype for future global observation network collaboration.

GOIN Chronology　　　　　　　　　　　　GOIN　年表

1993	July	GOIN Established.
1993	December	U.S. - Japan Networks study initiated.
1994	May	Network capacities determined and demonstration plan initiated.
1995	June	Live simultaneous demonstrations between Washington, DC and Tokyo.
1996	June	GOIN96 Workshop, Tokyo.
1997	June	GOIN97 Workshop, Boulder.

1993 年 7 月	GOIN設立
1993 年12 月	日米間ネットワーク検討の開始
1994 年 5 月	現有ネットワーク能力の決定と デモンストレーション計画の開始
1995 年 6 月	ワシントンD．C．ー東京間の 同時中継デモンストレーション
1996 年 6 月	GOIN96ワークショップ（東京）
1997 年 6 月	GOIN97ワークショップ（米国コロラド州ボルダー）

The GOIN initiative is implemented through the Joint Program Working Group (JPWG) organized by the participating agencies and institutions of both countries. JPWG co-chairs are from the Science and Technology Agency (STA) in Japan and the National Oceanic and Atmospheric Administration (NOAA) in the United States. The Joint Technical Working Group (JTWG) was established to address specific technical issues related to GOIN.

Charge To Workshop Participants

- How can we improve data exchanges included in current pilot projects?

- How can shared use of WWW technology deliver improved data and information products?

- What scientific collaborator and international science programs can benefit most by participation with a new GOIN pilot projects?

- What are the network requirements for the current and new pilot projects?

- How do we incorporate additional participation by other government agencies and university groups?

- How do we use current technology to provide data and information products to the general public?
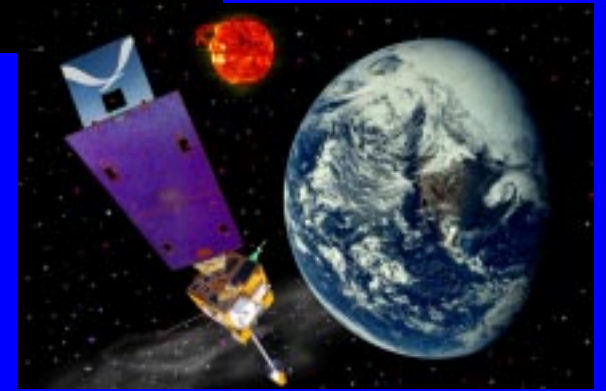
Land

Networks

Atmosphere
and Oceans

Solar-Terrestrial
Environment

国務省
Department of State

商務省
Department of Commerce
　　NOAA - National Oceanic and Atmospheric Administration
　　　　NWS - National Weather Service
　　　　NESDIS - National Environmental Satellite, Data, and -
　　　　Information Service
　　　　　　NGDC - National Geophysical Data Center
　　　　　　NODC - National Oceanographic Data Center
　　　　OAR - Office of Oceanic and Atmospheric Research
　　　　　　ERL - The Environmental Research Laboratories
　　　　　　PMEL - Pacific Marine Environmental Laboratory
　　　　　　SEC - Space Environment Center

内務省
Department of the Interior
　　USGS - United States Geological Survey
　　　　NGIC - National Geomagnetic Information Center
　　　　EDC - Earth Resources Obs. Systems Data Center

米国航空宇宙局
NASA - National Aeronautics and Space Administration
　　MTPE - Mission to Planet Earth
　　NSSDC - National Space Science Data Center
　　ARC - Ames Research Center
　　　　NISN - NASA Integrated Services Network
　　GSFC - Goddard Space Flight Center
　　　　ESDIS - Earth Sciences Data and Info. System Proj.
　　　　　　EOSDIS - Earth Observation Sys. Data and Info. Sys.

協力機関
Cooperating Entities
　　University of Alaska
　　University of Colorado
　　　　LASP - Laboratory for Atmospheric and Space Physics
　　Rice University
　　　　Space Sciences Center
　　UCAR - University Corporation for Atmospheric Research
　　　　NCAR - National Center for Atmospheric Research
　　　　　　HAO - High Altitude Observatory
　　　　　　SCD - Scientific Computing Division
　　WHOI - Woods Hole Oceanographic Institution
　　CIESIN - Consortium for International Earth Sciences -
　　Information Network

科学技術庁
Science and Technology Agency (STA)

環境庁
Environment Agency (EA)

外務省
Ministry of Foreign Affairs (MOFA)

文部省
Ministry of Education, Science, Sports and Culture (MESSC)

農林水産省
Ministry of Agriculture, Forestry and Fisheries (MAFF)

通産省
Ministry of International Trade and Industry (MITI)

運輸省
Ministry of Transport (MOT)

郵政省
Ministry of Posts and Telecommunications (MPT)

建設省
Ministry of Construction (MOC)

協力機関
Cooperating Entities

　宇宙開発事業団
　NASDA - National Space Development Agency of Japan

　海洋科学技術センター
　JAMSTEC - Japan Marine Science & Technology Center

（財）資源・環境観測解析センター
　ERSDAC - Earth Remote Sensing Data Analysis Center